

ABSTRACT**Title: METHOD AND SYSTEM FOR DETERMINING CROSS-TALK EFFECTS**

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According to an aspect of the invention, a method for determining near-end cross-talk effects is provided. A periodic test signal having a frequency increasing in predetermined steps is input into a conductor of a transmission
10 cable. A raw cross-talk signal is received from another conductor of the transmission cable and the received cross-talk signal is processed in the frequency domain to determine a combination of near-end cross-talk components of the received cross-talk signal. The combination of near-end cross-talk components represents the characteristic of the near-end cross-talk effects.